

Title (en)  
BOTTLE CAP

Title (de)  
FLASCHENVERSCHLUSSKAPPE

Title (fr)  
CAPSULE DE BOUTEILLE

Publication  
**EP 1732821 A4 20080319 (EN)**

Application  
**EP 05726308 A 20050202**

Priority

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- KR 20040006676 A 20040202
- KR 20040021254 A 20040329
- KR 20040041543 A 20040607
- KR 20040109075 A 20041220

Abstract (en)  
[origin: US2007170142A1] A bottle cap, fastened to a bottle body having a mouth with an external thread formed around the outer circumferential surface of the mouth, is disclosed. The bottle cap includes an opening unit inserted into the mouth and open at upper and lower ends thereof, with a cutting unit provided in a lower portion of the opening unit; an additive storage container having a main cap fastened to the mouth, and an additive storage part inserted into the opening unit, with a recess provided at the lower end of the additive storage part to receive therein the cutting unit, and a breakable part integrated with the lower end of the additive storage part to be cut by the cutting unit during rotation; and an upper cap which opens or closes the upper end of the additive storage container.

IPC 8 full level  
**B65D 51/28** (2006.01)

CPC (source: EP US)  
**B65D 51/2828** (2013.01 - EP US); **B65D 51/2835** (2013.01 - EP US)

Citation (search report)

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- [A] DE 2432290 A1 19760122 - WUNSCH ERICH
- [A] US 6152296 A 20001128 - SHIH KUANG-SHENG [TW]
- [A] DE 8709336 U1 19871029
- [A] DE 29820062 U1 19990225 - KAESMACHER GMBH & CO KG [DE]
- See references of WO 2005073103A1

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DOCDB simple family (publication)  
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